



GUNIYA, S.U.; KHARCHILAVA, F.T.

Synoptic aerological conditions producing showers in Transcaucasia  
and the development of methods for their prediction. Trudy  
Tbil.NIGMI no.8:10-20 '61. (MIRA 15:3)  
(Transcaucasia—Rain and rainfall)

L 32832-66 EWT(1)/T/EWP(1) IJP(1) BB/QQ/QD/JXT(1)

ACC NR: AT6008556

SOURCE CODE: UR/0000/65/000/000/0025/0035

AUTHOR: Birman, N. Ya.; Kharchina, S. V.; Tsareva, Ye. S.

ORG: None

TITLE: Statistical processing of printed symbols by computer

SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading devices). Moscow, VINITI, 1965, 25-35

TOPIC TAGS: information theory, statistics, pattern recognition, adaptive print reader

ABSTRACT: The authors study the problems associated with statistical processing of printed symbols by computer. Various methods and equipment for feeding printed symbols into computers are discussed. A unit was developed at the laboratory of electrosimulation VINITI AN SSSR (LABORATORIYA ELEKTROMODELIROVANIYA VINITI AN SSSR) for feeding printed symbols into computers. This unit is free of intermediate information carriers both with respect to static and dynamic conditions. The laboratory LEM-1 computer was used for processing data. The magnetic operational storage capacity of this computer is 2048 24-digit numbers. The computer can perform 1000 operations per second. The logic part of the apparatus for feeding symbols into the computer and the computer itself are made up of ferrite diode logic modules. The symbols are studied in the static state by using a counter. A diagram is given for this counter and its components. The problems of simulating symbol recognition on a computer are studied. The effect of noises which are superimposed on the symbol are considered. The

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ACC NR: AT6008556

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results of the study show that the distance between two averaged standards for the majority of symbols is much greater than the sum dispersion of the symbols. The quality of recognition decreases with field overlapping of the symbols. Dispersion of straight symbols such as H or T is 1.5 to 2 times lower than for round letters. The fragment methods are discussed. The fragment method used can be improved by the addition of several thresholds, up to 5, and several gradations in weight, up to 10. This will result in increasing the reliability of recognition. Orig. art. has: 7 figures, 2 tables, and 6 formulas.

SUB CODE: 09, 12 / SUBM DATE: 09Sep65 / ORIG REF: 005 / OTH REF: 005

Card 2/2

AZIZBEKOV, Sh.A.; MAGAK'YAN, I.G.; TSAICHRELIDZE, G.A.; KHARCHUK, L.P.

Metallogeny of the Caucasus. Zakonom.raza.polezn.iskop. 7:5-47  
'64. (MIRA 17:6)

1. Akademiya nauk Azerbaydzhanskoy SSR, Akademiya nauk  
Armyanskoy SSR, Kavkazskiy institut mineral'nogo syr'ya i  
Kol'tsovskaya ekspeditsiya Gosudarstvennogo geologicheskogo  
komiteta SSSR.

1. KHANCHUK, L. P.
2. USSR (600)
4. Caucasus, Northern - Barite
7. Barites of the Northern Caucasus (brief survey). (Abstract) Izv. Glav. geol. fon. no. 2, 1947.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

KHARCHUK, L. P., TVALCHRELIDZE, G.A., KACHKAY, MA., BENDELIANI, A.Ye.,  
MAGAK'YAN, I.G., MKRTCHAN, S.S.

"On Metallogeny in the Caucasus." Report presented at the Inter-  
departmental Conference on the Problems of the Metallogeny of the  
Caucasus, Tbilisi 8-13 May 1957.

Sum 1582

*Kharchuk, L. P., Cand. Sci. Min. Sci.*

*KIMS*  
*Caucasus Inst.*  
*of Raw Materials*  
*Tbilisi*

C. A. KHARCHUK, U.S.

6

The hydrated form of potassium sulfate. M. P. Shul'gina, O. A. Kharchuk, and O. K. Yanat'eva. *Doklady Akad. Nauk S.S.S.R.* 73, 607 (1961).  $K_2SO_4 \cdot H_2O$  is commonly supposed not to exist. New data of the polymorphism of the system  $K_2SO_4$ - $H_2O$  from 30° downwards, with mixts. differing by 0.05-0.15%  $K_2SO_4$ , showed a new crystal. branch beginning with a sharp inflection, at 9.7°, toward the temp. axis, and ending in the eutectic point at -1.8°. The transition point at 9.7° corresponds to 8.68%  $K_2SO_4$ .

the eutectic at -1.8° to 7.09%. These results were confirmed by isothermal detns. at 3, 5, and 6°, which gave points lying exactly on the new branch. By cross-inoculation of 2 systems eqtd. at 6°, one of which had to be the stable, the other the metastable one, the new branch was shown to correspond to the stable system, the "old", i.e., the uninflected branch, with a eutectic point at -1.9°, being unstable. Crystals taken from the stable system but 8.97-9.20% on drying at 180°; by the device of crystn. in the presence of KI, permitting a correction for the mother liquor adhering to the crystals, the  $H_2O$  content was detd., more accurately, to 9.20%; the theoretical value for  $K_2SO_4 \cdot H_2O$  is 9.22%. Under the microscope, crystals of  $K_2SO_4 \cdot H_2O$  are clearly distinguishable from  $K_2SO_4$ . Finally, thermography of crystals of  $K_2SO_4 \cdot H_2O$  gave an arrest at -1.8° (eutectic fusion) and a transition at 9.8° (dehydration).  
N. Thon



SHUL'GINA, M.P.; KHARCHUK, O.S.; YANAT'YEVA, O.K.

New solid phases in the system:  $KCl-K_2SO_4-H_2O$ . Izv. Sekt. fiz.-khim.  
anal. 26:198-210 '55.  
(MIRA 8:9)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova AN  
SSSR i Stalinskiy meditsinskiy institut im. A.M. Gor'kogo.  
(Potassium salts) (Systems (Chemistry))

KHARDI, D.

Physical Chemistry

Dissertation: "Organic Compounds as Regulators of the Polymerization of Vinyl Acetate." Cand Chem Sci. Leningrad Technological Inst, Leningrad, 1953. (Referativnyy Zhurnal--Khimiya, No 3, Feb 54)

SO: SUM 213, 20 Sept 1954

ACCESSION NR: AP4032579

S/0190/64/006/004/0758/0765

AUTHORS: Khardi, D.; Varga, Y.; Nitrai, K.; Tsaylik, I.; Zubonyai, L.

TITLE: Synthesis, polymerization, and copolymerization of vinyl thioacetate

SOURCE: Vyssokomolek. soyedin., v. 6, no. 4, 1964, 758-765

TOPIC TAGS: vinyl thioacetate, vinyl thioacetate synthesis, vinyl thioacetate polymerization, vinyl thioacetate copolymerization, vinylsuccinimide copolymer, vinylphthalimide copolymer, vinylcarbazone copolymer, acetoxyethyl thioacetate pyrolysis, chain transfer constant, monomer reactivity ratio

ABSTRACT: The vinyl thioacetate monomer was obtained by pyrolysis of 2-acetoxyethyl thioacetate in a current of  $\text{CO}_2$  at a temperature of  $490^\circ\text{C}$ . Its polymerization was conducted in the presence of dinitrile of isobutyric acid in an atmosphere of nitrogen. The kinetic measurements were carried out by the dilatometric technique, and the molecular weights were determined by cryoscopy. The copolymerization with N-vinylsuccinimide, N-vinylphthalimide, and N-vinylcarbazone was conducted in sealed ampules at  $60^\circ\text{C}$ . It was found that the polymerization rate of vinyl thioac-

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ACCESSION NR: AP4032579

estate was proportional to the 0.75 power of the initiator concentration and that the brutto activation energy was  $25.45 \text{ kcal/mole}$ . Since the median polymerization coefficient was not significantly affected by the concentration of the initiator, it was concluded that the chain transfer constant had to be high. An enhancing effect on the reactivity of the corresponding monomer was produced by replacing oxygen with sulfur. All of the copolymers were soluble in benzene and contained nitrogen. By reacting hydrazine hydrate with the vinyl thioacetate-vinyl succinimide and vinyl thioacetate-vinylphthalimide copolymers, the authors obtained polymers containing free SH and  $\text{NH}_2$  groups which were rapidly oxidized by air. Orig. art. has: 7 charts, 2 tables, and 3 formulas.

ASSOCIATION: Nauchno-issledovatel'skiy institut plastomassevoy promy\* shlenosti, Budapest (Scientific Research Institute of Plastic Materials); Budapeshtskiy politekhnicheskoy institut (Budapest Polytechnical Institute)

SUBMITTED: 21Oct63

DATE ACQ: 11May64

ENCL: 00

SUB CODE: CH

NO REF SOV: 006

OTHER: 016

Card 2/2

Distr: 4E3b/4E3d/4E2c(j)

1/ Investigation of radical polymerization processes in the presence of foreign substances. 1. Effect of organic halogen compounds on the polymerization of vinyl acetate. A. A. Vanshildt and Gyula Khardi (Research Inst. Org. Chem. Ind. Plastics Ind., Budapest). *Acta Chim. Acad. Sci. Hung.* 20, 201-73(1959)(in Russian).—In the polymerization of vinyl acetate promoted by  $Bz_2O_2$ , chain-transfer consts. were calcd. from  $1/P = 1/P_0 + C[xy]/[M]$ , where  $P$  is the av. degree of polymerization of the polymer formed in the presence of a foreign substance,  $P_0$  is the av. degree of polymerization of the polymer formed in the absence of the foreign substance,  $[xy]$  is the concn. of the foreign substance,  $[M]$  is the concn. of the monomer, and  $C$  is the chain-transfer const. The values found were:  $CHCl_3$  0.0564,  $CCl_4$  0.2023,  $CBrCl_3$  0.6303,  $CHBr_3$  3.476,  $CBr_4$  2.874,  $MeI$  0.123,  $1,2-Cl_2C_2H_4$  0.00102,  $1,1,2,2-Cl_4C_2H_2$  0.006772,  $C_2H_5Cl$  0.1384,  $C_2Cl_6$  0.121,  $1,2-Br_2C_2H_4$  0.0134,  $C_2Cl_4$  0.0465,  $C_2H_5Br$  0.3810,  $C_2Br_4$  0.290,  $C_2H_5I$  3.472,  $BuBr$  0.1100,  $PhCl$  0.000291,  $p-C_6H_4Cl$  0.00118,  $PhCH_2Cl$  0.0584,  $PhBr$  0.01342,  $o-C_6H_4Cl$  0.000290,  $p-C_6H_4Cl$  0.01950, dichloroethyl ether 0.0246,  $CICH_2COOH$  0.256,  $BrCH_2COOH$  0.446,  $CCl_3COOH$  0.1446,  $CCl_3CHO \cdot H_2O$  0.4312,  $CCl_3CHO$  0.4927,  $Br_2C$  0.030, 1,3,3,3-tetrachloropropyl acetate 0.04232. The most active chain-transfer agents are the halogen derivs. of  $CH_4$ , because in these the bond energy between halogen and C is small. In general the asymmetric derivs. are more active. The aromatic halohydrocarbons are less active than the aliphatic because of the greater bond energy between C and halogen in the aromatic compds. E. Kasztelner.

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29 N B)  
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L 32665-66 EWT(m)/EWP(j)/T RM  
ACC NR: AP6015044 (A) SOURCE CODE: UR/0190/66/008/005/0787/0789

AUTHOR: Prokop'yev, V. P.; Tishkov, P. G.; Shreybert, A. I.; Khardin, A. P.

ORG: Volgograd Politechnic Institute (Volgogradskiy politekhnicheskii institut)

TITLE: Investigation of methylmethacrylate in the presence of halonitroperoxides by the spin-echo method

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 787-789

TOPIC TAGS: methylmethacrylate, polymerization, peroxide, gel, proton interaction, spin relaxation, spin-echo method

ABSTRACT: Investigation of methylmethacrylate polymerization in the presence of 4-chloro-and-4-bromo-4,4-dinitrobutyryl peroxides was carried out at 50C and a peroxide concentration of  $3.7 \times 10^{-2}$  mol/l. Halonitroperoxides initiate the polymerization of methylmethacrylate without a noticeable gel effect. The nature of proton spin-lattice relaxation during polymerization with and without air was shown. Orig. art. has: 2 figures. [Based on authors' abstract] [NT]

SUB CODE: 07, 11/ SUBM DATE: 25Feb65/ ORIG REF: 002/ OTH REF: 007

Card 1/1. BLG

UDC: 66.095.26 + 678.744

KHARDT, K.

Glider pilot Adolf Daumann. Kryl. rod. 14 no.12:28 D '63.  
(MIRA 17:2)

KHARDY, Gy.

Distr: 4E2c(j)/4E3b

✓ Radical polymerization processes in the presence of chain transfer agents. II. Effect of hydrocarbons, alcohols, aldehydes, esters, and acids on the polymerization of vinyl acetate. A. A. Vansheidt and Gy. Khardy (Research Inst. Org. and Plastics Ind., Budapest). *Acta Chim. Acad. Sci. Hung.* 20, 381-91 (1959) (in Russian); cf. C.A. 54, 6180b. Chain transfer consts. for 33 halogen-free org. compds. belonging to different functional classes were detd. at 70° in the (BzO)<sub>2</sub>-initiated polymerization of CH<sub>2</sub>=CHOAc. Compds. contg. a labile H atom, such as 9-phenylfluorene, PhCH<sub>2</sub>SH, and dimedon were the most active. Activity increases in the order: esters, *tert*-ales., *sec*- and *n*-ales., glycols, ketones, aldehydes. The same trend in the activity of chain transfer agents, though of lower values, was observed in the polymerization of styrene and Me methacrylate. The results are tabulated and presented graphically. A. Kalusayner

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199 (WB)  
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2612

KAHREBAVA, G. I.

110

Enzymic processes in a living tea leaf - G. I. Kharbava  
*Russkaya Khimicheskaya Press*, Moscow No. 5, 86 (6) Eng-  
 lish summary, 1961, 10 (16). - Exam. of the enzymic activ-  
 ity in leaves *in vivo* by infiltration techniques showed that ac-  
 tivity of invertase and protease (the 2 enzymes studied  
 is higher in young leaves than in the old ones with predom-  
 inance of synthetic action in young leaves and hydrolysis in  
 the older ones. Over 24-hr. periods synthesis rises toward  
 midday and declines over dark periods. Invertase is most  
 active in mid-summer but protease reaches a max. in June.  
 Changes in the tannins follow the changes in invertase ac-  
 tivity, indicating participation of this enzyme in formation  
 of active sugars used in tannin formation. P fertilizers aug-  
 ment synthetic activity of invertase and tannin formation.  
 N fertilizers enhance protein formation and repress invertase  
 activity. G. M. K.



KHAREBAVA, G. I.

Kharebava, G. I.: "Tanning extracts of the persimmon and the processing of the fruit", Byulleten' Vsesoyuz. nauch.-issled. in-ta chaya i subtrop, kul'tur, 1948, No. 3, p. 115-22 - Bibliog: 6 items.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

USSR / Cultivated Plants. Fruit Trees. Small Fruit  
Plants. Nut Trees. Tea.

11

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25902

Author : Kharebava, G. I.

Inst : All-Union Scientific-Research Institute of  
Tea and Subtropical Cultures

Title : Growing Tea in China

Orig Pub : Byul. Vses. n.-i. in-ta chaya i subtrop.  
kul'tur, 1957, No 2, 116-140

Abstract : A review of the distribution and character-  
istics of tea cultivation in China.  
Varieties and production technology of various  
tea types are described in detail.

Card 1/1

KHAREBAVA, G.I., kand.biol.nauk; PAPAFA, G.V.

Effect of various plucking methods on the quality of tea and  
the profitableness of production. Trudy VNIICHP no.1:47-56 '58.  
(Tea--Harvesting) (MIRA 12:5)

KHAREBAVA, G.I., kand.biol.nauk

Effect of organomineral fertilizers on the quality of black  
tea. Trudy VNIICHP no.1:56-70 '58. (MIRA 12:5)  
(Tea--Fertilizers and manures)

KHAREBAVA, G.I., kand.biol.nauk

Effect of the duration of fermentation on the quality of tea.  
Trudy VNIICHP no.1:82-89 '58. (MIRA 12:5)  
(Tea)

KHAREBAVA, G.I.

Effect of irrigation on tea quality. Biokhim. chain. proizv. no. 7:  
62-73 '59. (IRRIGATION) (TEA) (MIRA 13:5)

KHAREBAVA, G.I.; GULUA, K.P.

Establishing a precisely controlled fermentation regime for tea  
factories of Krasnodar Territory. Biokhim. chain. proizv. no.8:  
88-102 '60. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaynoy promy-  
shlennosti, Anaseuli.  
(Krasnodar Territory--Tea)

KHAREBAVA, G.I., kand.biolog.nauk

Tea production in China. Biul.VNIICHISK no.2:116-140 '57.

(China--Tea)

(MIRA 15:5)



KURELYUK, B.A.; KHAREBIN, M.P.

Using detonite 10A in underground operations at the  
Krasnogvardeysk Mine. Vzryv. delo no.55/12:121-125 '64.  
(MIRA 17:10)

1. Krasnoural'skiy medeplavil'nyy kombinat.

AUTHOR: Kharebov, G. V., Eng. Lt.Col.

86-5-10/24

TITLE: Repair of Front-line Bomber (Remont frontovogo bombardirovshchika)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 5, pp. 63-65 (USSR)

ABSTRACT: Describes the difficulties encountered and experience gained repairing front-line bomber planes, which has resulted in the development of the following repair methods: (1) A test for leakages developing in the pressurized cabin of the IL-28. (2) A method of repairing leakages in the "air-aerial" (vozdukho-vozdushnyye) radiators in the air-plane altitude system (vysotnaya sistema) in which such repairs, apparently, had not been made. In substance, the new method is welding. (3) Methods of repairing leakages in the nipples of connecting pipes in the housing (bobyshki shtutserov korpusa) of the vacuum pump; the nipples were previously tightened apparently without repairing them. The new methods consist in welding and applying pressed-on collars. (4) A repair procedure for leakages appearing in the "Sylphones" (metallic bellows) of pressure regulators of the automatic weight consumption controls. Substantially,

Card 1/2

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Repair of Front-line Bomber (Cont.)

86-5-10/24

the new procedure is soldering. (5) A new method of corrosion removal from the outer surfaces of oxygen and air bottles, introduced by "rationalizer" B. V. Zubarev, which replaced the lengthy pickling process by speedy sand spraying. (6) A device developed by "rationalizer" turner V. A. Popov for polishing the inside surface of the air system cylinders, and the use of chrome plating, apparently not previously practiced, to combat corrosion and prolong the life of the cylinders. (7) Relaxation of the practice of rejection coiled springs which developed contraction after prolonged use, provided they do not show a residual deformation during "squeezing" [obzhatiyel] tests.

AVAILABLE: Library of Congress

Card 2/2

KHARBECHKIN, A.

Layout of a dam according to Professor Senkov's method. Sel'.  
stroil. 12 no.5:25-27 My '57. (MIRA 10:7)

1. Nachal'nik otдела po stroitel'stvu v kolkhosakh Vsevolozhskogo  
rayona Leningradskoy oblasti.  
(Vsevolozhskii District--Dams)

3(5,8)

SOV/21-59-5-15/25

AUTHOR: Kharechko, G.Ye.

TITLE: On the Tectonics of the Southern Margin of the Russian Platform in the Area of Berdyansk Spit According to Seismic Data

PERIODICAL: Doprvidi Akademii nauk Ukrains'koi RSR, 1959, Nr 5, pp 518-521 (USSR)

ABSTRACT: The pioneers of study of the Russian platform, O.G. Karpinskiy and O.D. Arkhangel'skiy, attached great significance to determining its southern boundary, and to tectonic structure of adjacent areas. Points of view on subject matter expressed by K.I. Makov [Ref. 1], O.N. Sergeyev and G.I. Molyavko [Ref. 2] were contradictory. The best tectonic schemes were presented by M.V. Muratov [Ref. 3] and by a group of workers of the Institute of Geological Sciences of the AS UkrSSR under Academician V.G. Bondarchuk [Ref. 4]. In connection with an intensification of prospecting for oil and natural gas

Card 1/3

SOV/21-59-5-15/25

On the Tectonics of the Southern Margin of the Russian Platform in the Area of Berdyansk Spit According to Seismic Data

in the area of the Azov-Kuban' lowland, these questions have gained in significance. The principal task of present prospecting work is to discover the oil and gas-bearing tectonic formations, which are rich enough to warrant exploitation. In the summer of 1958, the Institute of Geological Sciences of the AS UkrSSR explored the Azov area. The seismogram (Fig. 1) is one of those taken on the Berdyansk spit. It indicates a series of waves, characteristic for varied deflections of horizons. A seismic cross section (Fig. 2) indicates a gradual dipping of the crystalline foundation's surface toward the South-West. The increase of thickness of sedimentary deposits in the South-Western section of the Berdyansk spit shows the presence of conditions favorable for accumulating natural gas and, possibly, oil. A thorough study of the geological profile and a deep boring on the Berdyansk spit must be made without delay. There is 1 seismogram,

Card 2/3

SOV/21-59-5-15/25

On the Tectonics of the Southern Margin of the Russian Platform in the  
Area of Berdyansk Spit According to Seismic Data

1 profile and 6 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of  
Geological Sciences of the AS UkrSSR)

PRESENTED: By V.G. Bondarchuk, Member of the AS UkrSSR

SUBMITTED: January 3, 1959

Card 3/3

KHARECHKO, G.Ye. [Kharchko, H.I.E.]; KHARCHENKO, F.M.

Small seismic installation for studies in engineering geology and hydrogeology. Dop.AN USSR no.9:1227-1230 '60. (MIRA 13:10)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom AN USSR V.G.Bondarchukom.  
(Seismometry)

KHARECHKO, G.Ye. [Kharechko, H.IE.]

Tectonics of the Russian Platform in the Berdyansk-Mogaysk region,  
based on geophysical research data. Geol. zhur. 20 no. 1:73-81  
'60.

(Russian Platform--Geology, Structural) (MIRA 14:5)



KARPINSKAYA, N.N. [Karpins'ka, N.M.]; KHARECHKO, G. Ye. [Kharechko, H. IE.]

Problem of certain physical properties of rocks of the northern  
Sivash area. Dop. AN URSR no. 6:740-746 '61. (MIRA 14:6)

1. Institut geologicheskikh nauk AN USSR i trest "Ukrgeo-  
fizrazvedka." Predstavleno akademikom AN USSR V. G.  
Bondarchukom [Bondarchuk, V.H.].  
(Sivash region—Rocks—Density)

KHARECHKO, G.Ye.

Density of rocks of some areas of the Sivash region. Geofiz.  
sbor. no.3:109-116 '62. (MIRA 15:9)  
(Sivash region--Rocks--Testing)

SOLLOGUB, V.B.; CHEKUNOV, A.V.; KALYUZHNAJA, L.I.; KHILINSKIY, L.A.;  
KHAIECHKO, G.Ye.

Internal structure of the crystalline basement in the south-  
western part of the Korosten' pluton according to seismic data.  
Geofiz. sbor. no. 5:122-130 '63. (MIRA 17:5)

1. Institut geofiziki AN Ukr SSR.

CHEKUNOV, A.V.; GARKALENKO, I.A.; KHARECHKO, G.Ye.

Deep faults in the northern part of the Black Sea region and  
shifting displacement along them. Izv. AN SSSR. Ser.geol. 30  
no.11:63-71 N '65. (MIRA 18:12)

1. Institut geofiziki AN UkrSSR i Tsentral'naya geofizicheskaya  
ekspeditatsiya Glavnogo upravleniya geologii i okhrany neдр pri  
Sovete Ministrov UkrSSR. Submitted September 7, 1964.

KHARECKHO, R.I.

Studying the distribution of weft yarn in fabrics. Izv.vys.ucheb.-  
zav.; tekhn.tekst.prom. no.4:54-60 '61. (MIRA 14:9)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.  
(Weaving)

KHARECHKO, R.I.

Performance of the cloth regulators of automatic looms. Izv.  
vys.ucheb.zav.; tekhn.tekst.prom. no.5:89-94 '61. (MIRA 14:11)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova.  
(Looms)  
(Automatic control)

KHARECHKO, R.I.

Studying the performance of the taking-up pawl mechanisms of the  
AT-100 and ATK-100 looms. Izv. vys.ucheb.zav.; tekhn.tekst.prom.  
no.6:68-73 '61. (MIRA 12:1)

1. Leningradskiy tekstil'nyy institut imeni S.M.Lirova.  
(Looms--Testing)

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APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6"



KISLYY, P.S.; LAKH, V.I.; SAMSONOV, G.V.; STADNYK, B.I.; KHARENKO, R.F.;  
CHEKHOVICH, A.B.

Thermoelectric characteristics of high-temperature thermocouples  
with refractory electrodes. Izv.tekh. no.5:21-23 My '61.  
(MIRA 14:5)

(Thermocouples)

KHARENKO, R.F.

Dynamic characteristics of Hall germanium converter, Avtom. i  
prib. no.2:93-95 Ap-Je '63. (MIRA 18:8)

SHTEYNLUKHT, L.A., prof.; SAVEL'YEVA, T.L.; IVANOV, N.M.;  
LENARTOVICH, V.A.; TRIZNA, I.B.; KHARENKO, V.I.

Griseofulvin-micro in the treatment of dermatomycoses. Vest.  
derm. i ven. 39 no.4:3-7 Ap '65. (MIRA 19:2)

1. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov  
Ministerstva zdravookhraneniya SSSR. Submitted Dec. 10, 1963.

KHARENKO, V.I.

Use of antibiotics in pyococcal diseases in diabetes mellitus  
patients in the presence of yeastlike flora. Eksp. i klin.  
issl. po antibiot. 1:367-371 '58. (MIRA 15:5)  
(ANTIBIOTICS) (DIABETES) (CANDIDA)  
(STREPTOCOCCUS PYOGENES)

NEKACHALOV, V.Ya.; KHARENKO, V.I.

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KHARENKO, V.I.; MAL'GINA, V.G.

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(MONILIASIS) (ANTIBIOTICS—TOXICOLOGY)

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~~puting~~ <sup>design of</sup> ~~putting~~ pile <sup>-driving/pneumatic</sup> steam hammers of dual action." Mos, 1961. (Min  
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Mine Ventilation

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Mine Ventilation

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no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

Kharev, A.A.

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Name

Kharev, A.A.

Title of Work

"Aerodynamic Resistance of Mine Shafts and Aids to Lessening It"

Nominated by

Moscow Mining Institute  
Imeni I.V. Stalin

SKOCHINSKIY, A. A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 317 - I

BOOK

Call No. : AF 620228

Author: SKOCHINSKIY, A. A., ESERFOLOVA, A. I., CHAREV, A. A., and  
IDEL'CHIK, I. YE.

Full Title: AERODYNAMIC RESISTANCE IN MINING SHAFTS, AND METHODS  
OF ITS REDUCTION

Transliterated Title: Aerodinamicheskoye soprotivleniye shakhtnykh  
stvolov i sposoby yego snizheniya

Publishing Data

Originating Agency: None

Publishing House: State Technical Publishing House of Literature for  
the Coal Industry (Ugletekhizdat)

Date: 1953

No. pp.: 363

No. of copies: 3,000

Editorial Staff

Editor: Skochinskiy, A. A., Academician

Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Others: The book is the result of a collective work of the staff  
of the chair in ventilation and safety technology in min-  
ing in the Moscow Mining Institute im. Stalin. Many  
names are mentioned in the preface.

Text Data

1/2

Aerodinamicheskoye soprotivleniye shakhtnykh  
stvolov i sposoby yego snizheniya

AID 317 - I

Coverage: The authors describe theoretical and experimental research of aerodynamic resistance in mining shafts. They give the value of aerodynamic (ventilation) resistance coefficients in typical mining shafts and also a method of calculating them and ways of bringing this resistance down. Diagrams, graphs, photos, tables, etc.

A well written comprehensive textbook.

2/2

KHAREV, A.A.; VORONINA, L.D., redaktor; GRISHCHAYENKO, M.I., redaktor;  
MADEINSKAYA, A.I., tekhnicheskii redaktor

[Local resistance in mine ventilation networks] Mestnye soprotivle-  
niia shakhtnykh ventilatsionnykh setei. Moskva, Ugletekhizdat,  
1954. 246 p. (MLJA 8:4)  
(Mine ventilation)

Kharev, A.A.

TATARINOV, M.P., professor.

"Aerodynamic resistance of mine shafts and methods of reducing it." A.A.Skochinskii, A.I.Ksenofontova, A.A.Kharev, I.E.Idel'-chik. Reviewed by M.P.Tatarinov. Ugol' 29 no.3:44-45 Mr '54.  
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retsenzents; YEFREMOVA, T.K., retsenzents; BORONINA, L.D., retsenzents;  
KHAR'EV, A.A., redaktor; SHUSTOVA, V.M., redaktor izdatel'stva; MINHAYLOVA,  
V.V., tekhnicheskii redaktor

[Mine ventilation] Ventiliatsiia shakht. Moskva, Gos. nauchno-tekhn.  
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(MLRA 10:5)

(Mine ventilation)

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(Mine ventilation)



BYKOV, L.N., doktor tekhn. nauk, prof.; KSENOFONTOVA, A.I., prof.;  
KLIMANOV, A.D., kand. tekhn. nauk; KRICHITSKIY, R.M., kand.  
tekhn. nauk; PEROBRAZHENSKAYA, Ye.I., inzh.; RASHIN, I.A.,  
kand. tekhn. nauk; USHAKOV, K.Z., kand. tekhn. nauk; KHAREV,  
A.A., kand. tekhn. nauk; KHEYFITS, S.Ya., kand. tekhn. nauk;  
ZAKHAROV, M.I., red. izd-va; GIL'MAN, S.E., red. izd-va;  
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KARATAYEV, Aleksandr Fedorovich; KHAREV, A.A., otv. red.; YEROKHIN,  
G.M., red. izd-va; LOMILINA, L.N., tekhn. red.

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1. Moskovskiy geologorazvedochnyy institut.

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KHAREV, Aleksey Akimovich; VORONINA, L.D., kand. tekhn.nauk retsenzent;  
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tekhn. nauk, nauchn. red.

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My-Je '62. (MIRA 16:1)

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(PEDIATRICS) (PYRZHOLTENY-MEDICINE, RURAL)

KHARIBUTOV, V. L.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R00072181001

USSR/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101161

Author : Khaributov, V.L.

Inst : Buryat-Mongolian State Agricultural Experiment  
Station

Title : Evaluating the Economically Useful Lineal and  
Family Qualities in Swine of the Kemerovo  
Breed.

Orig Pub: Tr. Buryat-Mong. gos. s.-kh. opytn. st., 1957,  
vyp. 2, 110-120

Abstract: On the 102nd day, Kemerovo breed swine fattened  
for meat attained a live weight of 93.73 kg  
with average daily gains of 565 g and fodder  
expenditures of 4.63 feed units. At various

Card 1/2

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Thank you, lifesavers. Voen. znan. 41 no.9:40-41 S '65.

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Mematola

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*KHARICHKOVA, M.V.*  
PARAMONOV, A.A., prof., doktor biol. nauk; KHARICHKOVA, M.V., kand. biol.  
nauk.

Causative agents of phytohelminthiases in potato tubers and onions  
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(Moscow Province--Nematoda) (Potatoes--Diseases and pests)  
(Onions--Diseases and pests)

KHARICHKOVA, M.V., kand.biologicheskikh nauk

Eradication of Ditylenchus infection of onions on the Dimitrov  
Collective Farm, Kolosna District, Moscow Province. Trudy VIGIS  
6:415-418 '59. (MIRA 15:5)

(Kolonna District--Ditylenchus)  
(Onions--Diseases and pests)

IZAKSON, I., inzh.; KHARIF, B., inzh.; UMANSKIY, V., inzh.

The TO-2 continuous production line with lateral displacement of  
cars. Avt. transp. 37 no.8:19-22 Ag '59. (MIRA 12:12)  
(Automobiles--Maintenance and repair)

IZAKSON, I.; KHARIP, B.

Stand for checking automobile brake systems. Avt. transp. 36  
no. 6:45-46 Je '58. (MIRA 11:7)

(Automobiles--Brakes)

C O L U M N S		R O W S	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

**KHARIK M.**

PROCESSES AND PROPERTIES INDEX

26

Investigating conditions for the preparation of zinc chromates. II. I. V. Riskin and M. Khariik. *J. Applied Chem.* (U. S. S. R.) 12, 1081-90 (in French, 1961) (1089).

—Zinc chromates composed of  $4\text{ZnO} \cdot \text{K}_2\text{O} \cdot 4\text{CrO}_3 \cdot 3\text{H}_2\text{O}$  and  $4\text{ZnO} \cdot \text{CrO}_3 \cdot 3\text{H}_2\text{O}$  constitute the limiting range for the content in K, Zn and  $\text{CrO}_3$ . All the zinc chromates when treated with hot water are converted into  $4\text{ZnO} \cdot \text{CrO}_3 \cdot 3\text{H}_2\text{O}$ . Most probably K is present in the Zn chromates in the form of  $\text{K}_2\text{CrO}_4$  and the Zn in the form of  $\text{ZnCrO}_4$  and  $\text{Zn}(\text{OH})_2$ . Thus the above chromates may be represented as  $3\text{ZnCrO}_4 \cdot \text{Zn}(\text{OH})_2 \cdot \text{K}_2\text{CrO}_4 \cdot 2\text{H}_2\text{O}$  and  $\text{ZnCrO}_4 \cdot 3\text{Zn}(\text{OH})_2$ . A zinc chromate free of K, i. e., of the compn.  $4\text{ZnO} \cdot \text{CrO}_3 \cdot 3\text{H}_2\text{O}$  can be obtained by treating ZnO with a calcd. amt. of  $\text{K}_2\text{Cr}_2\text{O}_7$  and acid. Zn chromates obtained from  $\text{K}_2\text{Cr}_2\text{O}_7$  have a low sol. in cold water in contradistinction to those prepd. from  $\text{Na}_2\text{Cr}_2\text{O}_7$ . The painting properties of zinc chromate are improved with increased content of K and  $\text{CrO}_3$ . A. A. Bochtling.

A S S O C I A T E D L I T E R A T U R E C L A S S I F I C A T I O N	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

KIRPICHNIKOV, L.A., inzhener; KHARIF, M.I., inzhener.

Projected norms for artificial illumination of sea ports. Svetotekhnika  
3 no.10:26-28 0 '57. (MIRA 10:10)

1. Chernomorproyekt.  
(Harbors) (Lighting)

~~CHARIF, M.I.~~  
KIRPICHNIKOV, L.A., inshener; CHARIF, M.I., inshener.

Characteristic indices for systems supplying electric power to sea  
ports and ship repair plants. Prom. energ. 12 no.7:15-19 J1 '57.  
(Electric power) (MIRA 10:8)

KHARIP, M., inzhener.

Lighting devices for harbor arlas. Mor.flot 17 no.3:25 Mr '57.  
(MLRA 10:3)

1. Chernomorproyekt.  
(Harbors) (Electric lighting)



KIRPICHNIKOV, L.; KHARIF, M.

Electric cable feeders columns in harbors. Mor.flot 17 no.10:15-16  
0 '57. (MIRA 10:12)

- 1.Zamestitel' nachal'nika otdela Chernomoprojekta (for Kirpichnikov).
- 2.Starshiy inzhener otdela Chernomorprojekta (for Kharif)  
(Harbors--Equipment and supplies)  
(Electric cables)

KIRPICHNIKOV, L.A., inzh.; KHARIF, M.I., inzh.

New control circuit for outside lighting of industrial enterprises.  
Svetotekhnika 4 no. 8:21-22 Ag '58. (MIRA 11:7)

1. Chernomorp'oyekt.  
(Factories--Lighting)

13.7/94-58-8-10/22

AUTHORS: Kirpichnikov, L. A., Engineer and Kharif, M. I., Engineer

TITLE: An Electric Power Supply System For Gantry Cranes in Ports (Sistema elektrosnabzheniya portalsnykh kranov v portakh)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 8, pp 25-27 (USSR)

ABSTRACT: Existing methods of electricity supply for cranes and other electrical equipment in ports are described. Supply pillars and flexible cables are commonly used and the sub-stations are at least 120 metres from the load so that very heavy cables are required. With the object of improving electricity supply systems in ports the authors, together with Engineer A. F. Zhuravlev, developed a system of electricity supply to gantry cranes and other power consumers on wharves which is based on the following principles: transformers of up to 560 kVA are installed directly on the wharves; cable lines laid in line with the wharves are replaced by bare busbars in a channel. The transformers are installed in special chambers below the level of the wharf and between railway tracks. The transformer chambers are naturally ventilated. If power consumption on the wharves is heavy, transformers are

Card 1/2

SOV/94-58-8-10/22

An Electric Power Supply System for Gantry Cranes in Ports

installed every 150 metres. The sub-stations supplying the transformers are relatively few and far between and contain the protective and measuring equipment. The transformers are fused on the high voltage side and have an overload relay on the low voltage side. The transformers are connected to the busbars through three-pole isolating switches. Diagrammatic views of the power supply arrangements in wharves are given in Figs. 1 and 2. Technical and economic calculations were made to compare this system of electricity supply with the usual one: the economy of capital was 30%, the consumption of non-ferrous metal was 2.2 times less, the power consumption 15% less, and the operating costs 21% less. There are two figures.

ASSOCIATION: Chernomorproyekt

Card 2/2

KIRPICHNIKOV, L.A., inzh.; KHARIF, M.I., inzh.

Floodlight illumination part facilities. Svetotekhnika 6  
no.1:25-28 Ja '60. (MIRA 13:5)

1. "Chernomorproyekt," Odessa.  
(Harbors--Lighting)

KIRPICHNIKOV, Leonid Aleksandrovich; KHARIF, Moisey Izraylevich;  
SVIRSKIY, V.P., inzh., retsenzent; KORESTYNSKIY, N.D., inzh.,  
retsenzent; KORESTYNSKIY, N.D., inzh., retsenzent; YAROSHENKO,  
V.I., inzh., inzh., retsenzent; BOGACHENKO, V.Ye., inzh.,  
nauchnyy red.; LAPINA, Z.D., red. izd-va; SARAYEV, B.A., tekhn .  
red.

[Automatic control of transshipment machinery and the electric  
power supply network in sea ports] Avtomatizatsiia peregruzoch-  
nykh mashin i elektricheskikh setei v morskikh portakh. Mo-  
skva, Izd-vo "Morskoi transport," 1961. 147 p. (MIRA 15:3)  
(Cargo handling—Equipment and supplies)  
(Electric power distribution) (Automatic control)

KIRPICHNIKOV, L.A.; KHARIF, M.I.

Automation of 6 to 10 kv. distribution networks. Prom.energ. 16  
no.6:19-23 Je '61. (MIRA 15:1)  
(Harbors) (Electric substations) (Automatic control)

KIRPICHNIKOV, L.; KHARIF, M.

Design of electric networks for harbor piers. Mor. flot 23 no.3:  
17-19 Mr '63. (MIRA 16:3)

1. Nachal'nik otdela Chernomorniiprojekta (for Kirpichnikov).  
(Harbors) (Electric networks)



KIRPICHNIKOV, L.A., inzh.; KHARIF, M.I., inzh.

Experience in the use of bus conductors in electric power  
distribution networks of sea harbor piers. Prom. energ. 18  
no.6:8-11 Je '63. (MIRA 16:7)

(Electric power distribution)  
(Harbors—Electric equipment)

KHINKUS, Samson Solomonovich, kand. tekhn. nauk. dots.; KHARIF, Moisey  
Izrailovich; KIRPICHNIKOV, Leonid Alekseyevich, inzh.

[Electrical equipment and automatic control of hoisting  
and transporting machines] Elektrooborudovanie i avtoma-  
tika pod'emno-transportnykh mashin. Moskva, Transport,  
1965. 377 p. (MIRA 18:12)

MAIK, B.D.

BIG-350/1000 rotary bucket excavator. Gor.zhur. no.6:55 Je '66.  
(M.A. 14:2)

1. Nachal'nik otдела ekskavatorostroyeniya zavoda im. 15-letiy  
Leninskogo kommunisticheskogo soyuza molodezhi Ukrainy.  
(Excavating machinery)

KOLESNIKOV, Ye.F., inzh.; TARANOV, D.I., inzh.; KHARIK, B.D., inzh.

Efficient parameters of the buckets of a wheel excavator. Stroi. 1  
dor. mash. 8 no.5:14-18 My '63. (MIRA 16:5)  
(Excavating machinery)

KHARIK, V.

PA 4T11

USSR/Oil Wells  
Tools

Feb 1947

"Experience in Calculating a Drive Pipe Ring,"  
V. Kharik, 3 pp

"Neftyanoye Khozyaystvo" Vol XXV, No 2

Mathematical discussion of methods of calculating  
the capacity of a drive pipe ring operated with a  
hoisting jack, while retrieving lost equipment, with  
cross sections and formulae

4T11

AYRUMOV, A. M., KHARIE, V. F.

Geology

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